



MARCH-APRIL, 1962

20 CENTS

6th Edition of SPECIAL DX LOG ISSUE

CHECK LIST OF STATES, ZONES, COUNTRIES AND CONTINENTS

Compiled By S. E. Johnson, Jr., W2FBS

IN THIS ISSUE . . .

	Page
Principal Amateur Radio DX Operating Awards.....	1
OFFICIAL COUNTRIES LISTING.....	2-10
CROSS INDEX to Official Countries.....	11
FOOTNOTES TO Official Countries.....	12
BANNED COUNTRIES LISTING.....	12

	Page
DELETED COUNTRIES LISTING.....	13
ZONE CHECK LIST for WAZ Award.....	13 and 14
UNITED STATES CHECK LIST.....	15 and 16
CONTINENT CHECK LIST for WAC Award.....	16

PRINCIPAL AMATEUR RADIO DX OPERATING AWARDS:

This G-E HAM NEWS Special DX LOG Issue contains handy tables on which radio amateurs can tabulate their standings for the internationally recognized operating awards. Tables for two other popular awards — Worked All Prefixes (WPX), and U. S. A. Counties Award (USA-CA) — are not included because of their complexity.

However, tables covering these awards, plus more than 650 other

awards, is covered in a Directory of Certificates and Awards, which is updated quarterly. This directory is published by Cliff Evans, K6BX, Box 385, Bonita, California. Further details may be obtained from him; or, the DX and USA-CA Program columns in CQ magazine.

Complete rules for WAC, DXCC and WAS are available from ARRL. Send stamped and addressed envelope, or International Reply Coupons, to the issuers of these awards for complete rules.

WORKED ALL CONTINENTS (WAC) —

The WAC award is issued by the International Amateur Radio Union upon proof of two-way contact with each of the six continents. Amateurs in the U. S. A., its possessions and Canada should apply through ARRL; those elsewhere must submit direct to their own IARU member-society.

Two basic types of WAC certificates are issued. One contains no endorsements and is awarded for a combination of c.w. and phone contacts. The other is awarded when all contacts are made two ways on radiotelephone.

DX CENTURY CLUB AWARD (DXCC) —

The DXCC Award is issued to radio amateurs who have confirmed contact with 100 ARRL countries in the postwar period. Confirmations must be submitted direct to ARRL for at least 100 claimed countries with the first application. Endorsements are granted for each ten additional confirmations submitted for credit.

Two categories of DXCC certificates are issued. One is awarded for c.w., or a combination of c.w. and phone contacts. The "Radio-telephone" DXCC award is granted when proof is submitted that all two-way contacts were made on radiotelephone.

WORKED ALL STATES AWARD (WAS) —

The WAS award is granted upon submission of confirmation to ARRL that two-way communication has been established with each of the fifty United States on any or all amateur bands. The District of Columbia may be counted for Maryland.

Contacts may be made over any period of years, except only contacts with Alaska dated January 3, 1959 or later count, and only contacts with Hawaii dated August 21, 1959 or later count. Address applications for the WAC, DXCC and WAS awards to the Communications Department, ARRL, 38 La Salle Road, West Hartford 7, Conn.

WORKED ALL ZONES AWARD (WAZ) —

The WAZ award is sponsored by CQ — Radio Amateurs' Journal. The rules require confirmed two-way contact dated after November 15, 1945, with each of the 40 zones, as shown on the WAZ Map and rules supplied by CQ. List and QSL's must show the geographical location of the stations contacted.

WAZ is issued for a combination of c.w. and phone contacts. Phone WAZ requires proof of two-way phone contacts with all zones. Apply for WAZ award to Mr. Urban Le Jeune, Jr. W2DEC, DX Editor, CQ, Box 35, Hazlet, New Jersey, U. S. A.

TABULATING AWARD RECORDS —

There are many different ways in which radio amateurs keep records of their two-way contacts for the DXCC, WAC, WAS and WAZ awards. To permit flexibility in tabulating this information, space is provided in the right-hand portion of each table for each user to rule in and identify columns to suit his needs.

Examples of suggested headings for columns are shown at the right. In the two lower headings, only the call letters of the stations contacted are inserted in the columns designating the band on which they are contacted, or type of emission employed. Use whatever system you wish.

— Good hunting for DX!

— *Lighthouse Larry*

DETAILS OF COMMUNICATION			QSL	
CALL LETTERS	DATE OF QSO	BAND, MC.	SENT	REC'D
CALL LETTERS OF STATION CONTACTED BAND, MC.				
3.5	7	14	21	28
CALL LETTERS OF STATION CONTACTED				
A1-CW	6A3-AM	3A3-SSB		

OFFICIAL COUNTRIES LISTING

Prefix	Official Country	Continent	WAZ Zone	
AC3.....	Sikkim.....	Asia.....	22	
AC4.....	Tibet.....	Asia.....	23	
AC5.....	Bhutan.....	Asia.....	22	
AP2.....	East Pakistan.....	Asia.....	22	
AP ^a	West Pakistan.....	Asia.....	21	
BV (C3).....	Formosa (Taiwan).....	Asia.....	24	
BY, (C').....	China.....	Asia.....	23, 24	
C9.....	Manchuria.....	Asia.....	24	
CE.....	Chile.....	S. America.....	12	
CE9, KC4, LU-Z, VK0 VP8, ZL5, etc.....	Antarctica.....	Africa, Oceania & S. America.....		
CE0A.....	Easter Island.....	S. America.....	12	
CE0Z ^a	Juan Fernandez Archipelago.....	S. America.....	12	
CM, CO.....	Cuba.....	N. America.....	8	
CN2, 8, 9.....	Morocco.....	Africa.....	33	
CP.....	Bolivia.....	S. America.....	10	
CR4.....	Cape Verde Islands.....	Africa.....	35	
CR5.....	Portuguese Guinea.....	Africa.....	35	
CR5.....	Principe, Sao Thome.....	Africa.....	36	
CR6.....	Angola.....	Africa.....	36	
CR7.....	Mozambique.....	Africa.....	37	
CR9.....	Macao.....	Asia.....	24	
CR10.....	Portuguese Timor.....	Oceania.....	28	
CT1.....	Portugal.....	Europe.....	14	
CT2.....	Azores Islands.....	Europe.....	14	
CT3.....	Madeira Islands.....	Africa.....	33	
CX.....	Uruguay.....	S. America.....	13	
DJ, DL, DM.....	Germany (incl. Saar ²).....	Europe.....	14	
DU.....	Philippine Islands.....	Oceania.....	27	
EA.....	Spain.....	Europe.....	14	
EA6.....	Balearic Islands.....	Europe.....	14	
EA8.....	Canary Islands.....	Africa.....	33	
EA9.....	Ifni.....	Africa.....	33	
EA9.....	Rio de Oro.....	Africa.....	33	

OFFICIAL COUNTRIES LISTING

Prefix	Official Country	Continent	WAZ Zone	
EA9	Spanish Morocco	Africa	33	
EA0	Spanish Guinea	Africa	36	
EI	Republic of Ireland	Europe	14	
EL	Liberia	Africa	35	
EP, EQ'	Iran	Asia	21	
ET2	Eritrea	Africa	37	
ET3	Ethiopia	Africa	37	
F	France	Europe	14	
FA	Algeria	Africa	33	
FB8	Amsterdam & St. Paul Islands	Africa	39	
FB8	Comoro Islands	Africa	39	
FB8	Kerguelen Islands	Africa	39	
FB8	Tromelin Island	Africa	39	
FC'	Corsica	Europe	15	
FG7	Guadeloupe	N. America	8	
FK8	New Caledonia	Oceania	32	
FL8	French Somaliland	Africa	37	
FM7	Martinique	N. America	8	
FO8	Clipperton Island	N. America	7	
FO8	French Oceania (e.g. Tahiti)	Oceania	32	
FP8	St. Pierre & Miquelon Islands	N. America	5	
FR7	Reunion Island	Africa	39	
FS7	Saint Martin	N. America	8	
FU8, YJ1	New Hebrides	Oceania	32	
FW8	Wallis & Futuna Islands	Oceania	32	
FY7	French Guiana & Inini	S. America	9	
G	England	Europe	14	
GC	Channel Islands	Europe	14	
GD	Isle of Man	Europe	14	
GI	Northern Ireland	Europe	14	
GM	Scotland	Europe	14	
GW	Wales	Europe	14	
HA	Hungary	Europe	15	
HB	Switzerland	Europe	14	
HC	Equador	S. America	10	

OFFICIAL COUNTRIES LISTING

Prefix	Official Country	Continent	WAZ Zone	
HC8.....	Galapagos Islands.....	S. America.....	10.....	
HE.....	Liechtenstein.....	Europe.....	14.....	
HH.....	Haiti.....	N. America.....	8.....	
HI.....	Dominican Republic.....	N. America.....	8.....	
HK.....	Colombia.....	S. America.....	9.....	
HK0 ³	Bajo Nueva.....	N. America.....	9.....	
HK0 ⁴	Malpelo Is.....	S. America.....	9.....	
HK0.....	San Andres & Providencia.....	N. America.....	7.....	
HL, HM ⁴	Korea.....	Asia.....	25.....	
HP.....	Panama.....	N. America.....	7.....	
HR.....	Honduras.....	N. America.....	7.....	
HV.....	Vatican City.....	Europe.....	15.....	
HZ.....	Saudi Arabia (Hedjaz & Nejd).....	Asia.....	21.....	
IL, IT1.....	Italy (incl. Trieste ³).....	Europe.....	15.....	
IS1.....	Sardinia.....	Europe.....	15.....	
JA ⁴ , KA.....	Japan.....	Asia.....	25.....	
JT1.....	Mongolia.....	Asia.....	23.....	
JY.....	Jordan.....	Asia.....	20.....	
JZ0.....	Netherlands New Guinea.....	Oceania.....	28.....	
K, W.....	United States of America.....	N. America.....	3, 4, 5.....	
KA.....	(See JA)			
KB6.....	Baker, Canton, Howland & American Phoenix Island.....	Oceania.....	31.....	
KC4.....	(See CE9)			
KC4.....	Navassa Island.....	N. America.....	8.....	
KC6.....	Eastern Caroline Islands.....	Oceania.....	27.....	
KC6.....	Western Caroline Islands.....	Oceania.....	27.....	
KG1.....	(See OX)			
KG4.....	Guantanamo Bay.....	N. America.....	8.....	
KG6 ³	Marcus Island.....	Oceania.....	27.....	
KG6.....	Mariana Island.....	Oceania.....	27.....	
KG6I.....	Bonin & Volcano Is.....	Asia.....	27.....	
KH6.....	Hawaiian Islands.....	Oceania.....	31.....	
KH6 ³	Kure Island.....	Oceania.....	31.....	
KJ6.....	Johnston Island.....	Oceania.....	31.....	
KL7.....	Alaska.....	N. America.....	1.....	
KM6.....	Midway Islands.....	Oceania.....	31.....	

OFFICIAL COUNTRIES LISTING

Prefix	Official Country	Continent	WAZ Zone	
KP4.....	Puerto Rico.....	N. America.....	8.....	
KP6.....	Palmyra Group, Jarvis Island.....	Oceania.....	31.....	
KR6.....	Ryukyu Islands (e.g. Okinawa).....	Asia.....	25.....	
KS4B ³	Serrana Bank & Roncador Cay.....	N. America.....	7.....	
KS4.....	Swan Island.....	N. America.....	7.....	
KS6.....	American Samoa.....	Oceania.....	32.....	
KV4.....	Virgin Islands.....	N. America.....	8.....	
KW6.....	Wake Island.....	Oceania.....	31.....	
KX6.....	Marshall Islands.....	Oceania.....	31.....	
KZ5.....	Canal Zone.....	N. America.....	7.....	
LA.....	Jan Mayen.....	Europe.....	40.....	
LA.....	Norway.....	Europe.....	14.....	
LA.....	Svalbard (Spitzenberg).....	Europe.....	40.....	
LU.....	Argentina.....	S. America.....	13.....	
LU-Z.....	(See CE9)			
LX.....	Luxembourg.....	Europe.....	14.....	
LZ.....	Bulgaria.....	Europe.....	20.....	
M1.....	San Marino.....	Europe.....	15.....	
MP4.....	Bahrein Island.....	Asia.....	21.....	
MP4.....	Qatar.....	Asia.....	21.....	
MP4.....	Trucial Oman.....	Asia.....	21.....	
OA.....	Peru.....	S. America.....	10.....	
OD5 ⁴	Lebanon.....	Asia.....	20.....	
OE ⁴	Austria.....	Europe.....	15.....	
OH.....	Finland.....	Europe.....	15.....	
OH0.....	Aland Island.....	Europe.....	15.....	
OK.....	Czechoslovakia.....	Europe.....	15.....	
ON4, 5.....	Belgium.....	Europe.....	14.....	
OX, KG1.....	Greenland.....	N. America.....	40.....	
OY.....	Faeroes.....	Europe.....	14.....	
OZ.....	Denmark.....	Europe.....	14.....	
PA0, PI1.....	Netherlands.....	Europe.....	14.....	
PJ ⁴	Netherlands West Indies.....	S. America.....	9.....	
PJ2M-.....	Sint Maarten.....	N. America.....	8.....	
PX.....	Andorra.....	Europe.....	14.....	

OFFICIAL COUNTRIES LISTING

Prefix	Official Country	Continent	WAZ Zone
PY.....	Brazil.....	S. America	11
PYØ.....	Fernando de Noronha.....	S. America	7
PYØ.....	Trindade.....	S. America	7
PZ1.....	Netherlands Guiana.....	S. America	9
SL, SM.....	Sweden.....	Europe	14
SP.....	Poland.....	Europe	15
ST2.....	Sudan.....	Africa	34
SU.....	Egypt.....	Africa	34
SV.....	Crete.....	Europe	20
SV.....	Dodecanese (e.g. Rhodes).....	Europe	20
SV.....	Greece.....	Europe	20
TA.....	Turkey.....	Asia & Europe	20
TF.....	Iceland.....	Europe	40
TG.....	Guatemala.....	N. America	7
TI.....	Costa Rica.....	N. America	7
TI9.....	Cocos Island.....	N. America	7
TJ (FE8).....	Cameroons.....	Africa	36
TL8 ¹⁷	Central African Republic.....	Africa	36
TN8 ¹⁸	Congo Republic.....	Africa	36
TR8 ¹⁹	Gabon Republic.....	Africa	35
TT8 ²⁰	Chad Republic.....	Africa	35
TU2 ²¹	Ivory Coast.....	Africa	35
TY ²²	Dahomey Republic.....	Africa	35
TZ ²³	Mali Republic.....	Africa	35
UA1, 2, 3, 4, 6, UN1 ²⁴	European Russian Socialist Federated Soviet Republic.....	Europe	16
UA1.....	Franz Josef Land.....	Europe	40
UA2 ⁸	Kaliningrad.....	Europe	16
UA9, Ø.....	Asiatic Russian S.F.S.R.....	Asia	17, 18, 19
UB5.....	Ukraine.....	Europe	16
UC2.....	White Russian S.F.S.R.....	Europe	16
UD6.....	Azerbaijan.....	Asia	21
UF6.....	Georgia.....	Asia	21
UG6.....	Armenia.....	Asia	21
UH8.....	Turkoman.....	Asia	17
UI8.....	Uzbek.....	Asia	17
UJ8.....	Tadzhik.....	Asia	17

OFFICIAL COUNTRIES LISTING

Prefix	Official Country	Continent	WAZ Zone	
UL7	Kazakh	Asia	17	
UM8	Kirghiz	Asia	17	
UO5	Moldavia	Europe	16	
UP2	Lithuania	Europe	15	
UQ2	Latvia	Europe	15	
UR2	Estonia	Europe	15	
VE, VO ⁶	Canada	N. America	1 to 5	
VK	Australia (incl. Tasmmania)	Oceania	29, 30	
VK	Lord Howe Island	Oceania	30	
VK4 ³	Willis Islands	Oceania	29	
VK9, ZC3	Christmas Island	Oceania	29	
VK9	Cocos Island	Oceania	29	
VK9	Nauru Island	Oceania	31	
VK9	Norfolk Island	Oceania	32	
VK9	Papua Territory	Oceania	28	
VK9	Territory of New Guinea	Oceania	28	
VK0	(See VE)			
VK0	Heard Island	Oceania	39	
VK0	Macquarie Island	Oceania	30	
VO ⁶	(See CE9)			
VP1	British Honduras	N. America	7	
VP2'	Anguilla	N. America	8	
VP2'	Antigua, Barbuda	N. America	8	
VP2'	British Virgin Is.	N. America	8	
VP2 ^a	Dominica	N. America	8	
VP2 ^a	Grenada & Dependencies	N. America	8	
VP2'	Montserrat	N. America	8	
VP2'	St. Kitts, Nevis	N. America	8	
VP2 ^a	St. Lucia	N. America	8	
VP2 ^a	St. Vincent & Dependencies	N. America	8	
VP3	British Guiana	S. America	9	
VP4	Trinidad & Tobago	S. America	9	
VP5	Cayman Is.	N. America	8	
VP5	Jamaica	N. America	8	
VP5	Turks & Caicos Islands	N. America	8	
VP6	Barbados	N. America	8	

OFFICIAL COUNTRIES LISTING

Prefix	Official Country	Continent	WAZ Zone	
VP7	Bahama Islands	N. America	8	
VP8	(See CE9)			
VP8	Falkland Islands	S. America	13	
VP8, LU-Z	South Georgia	S. America	13	
VP8, LU-Z	South Orkney Islands	S. America	13	
VP8, LU-Z	South Sandwich Islands	S. America	13	
VP8, LU-Z, CE9	South Shetland Islands	S. America	13	
VP9	Bermuda Islands	N. America	5	
VQ1	Zanzibar	Africa	37	
VQ2	Northern Rhodesia	Africa	36	
VQ4	Kenya	Africa	37	
VQ5	Uganda	Africa	37	
VQ8 ³	Cargados Carajos	Africa	37	
VQ8	Chagos Islands	Africa	39	
VQ8	Mauritius	Africa	39	
VQ8	Rodriguez Island	Africa	39	
VQ9	Seychelles	Africa	39	
VR1	British Phoenix Islands	Oceania	31	
VR1	Gilbert & Ellice & Ocean Islands	Oceania	31	
VR2	Fiji Islands	Oceania	32	
VR3	Fanning & Christmas Is.	Oceania	31	
VR4	Solomon Islands	Oceania	28	
VR5	Tonga (Friendly) Islands	Oceania	32	
VR6	Pitcairn Island	Oceania	32	
VS1 ¹⁰	Singapore	Asia	28	
VS4	Sarawak	Oceania	28	
VS5	Brunei	Oceania	28	
VS6	Hong Kong	Asia	24	
VS9A	Aden & Socotra	Asia	21, 37	
VS9K ³	Kamarin Is.	Asia	21	
VS9M	Maldiv Islands	Asia	22	
VS9O	Sultanate of Oman	Asia	21	
VU2	India	Asia	22	
VU4	Laccadive Islands	Asia	22	
VU5	Andaman & Nicobar Islands	Asia	26	

OFFICIAL COUNTRIES LISTING

Prefix	Official Country	Continent	WAZ Zone	
W.....	(See K)			
XE, XF.....	Mexico.....	N. America.....	6.....	
XE4.....	Revilla Gigedo.....	N. America.....	6.....	
XT2 ²⁵	Voltaic Republic.....	Africa.....	35.....	
XW8 ^{4, 11}	Laos.....	Asia.....	26.....	
XZ2.....	Burma.....	Asia.....	26.....	
YA.....	Afghanistan.....	Asia.....	21.....	
YI.....	Iraq.....	Asia.....	21.....	
YJ1.....	(See FU8)			
YK.....	Syria.....	Asia.....	20.....	
YN.....	Nicaragua.....	N. America.....	7.....	
YO.....	Roumania.....	Europe.....	20.....	
YS.....	Salvador.....	N. America.....	7.....	
YU.....	Yugoslavia.....	Europe.....	15.....	
YV.....	Venezuela.....	S. America.....	9.....	
YVø.....	Aves Island.....	S. America.....	9.....	
ZA.....	Albania.....	Europe.....	15.....	
ZB1.....	Malta.....	Europe.....	15.....	
ZB2.....	Gibraltar.....	Europe.....	14.....	
ZC4.....	Cyprus.....	Asia.....	20.....	
ZC5.....	British North Borneo.....	Oceania.....	28.....	
ZC6.....	Palestine.....	Asia.....	20.....	
ZD1.....	Sierra Leone.....	Africa.....	35.....	
ZD3.....	Gambia.....	Africa.....	35.....	
ZD6.....	Nyasaland.....	Africa.....	37.....	
ZD7.....	Saint Helena.....	Africa.....	36.....	
ZD8.....	Ascension Island.....	Africa.....	36.....	
ZD9.....	Tristan da Cunha & Gough Islands.....	Africa.....	38.....	
ZE.....	Southern Rhodesia.....	Africa.....	38.....	
ZK1.....	Cook Islands.....	Oceania.....	32.....	
ZK1 ⁹	Manihiki (Northern Cook) Islands.....	Oceania.....	32.....	
ZK2.....	Niue.....	Oceania.....	32.....	
ZL ³	Auckland & Campbell Is.....	Oceania.....	22.....	
ZL.....	Chatham Islands.....	Oceania.....	32.....	
ZL.....	Kermadec Islands.....	Oceania.....	32.....	

10

Prefix	Official Country	Continent	WAZ Zone	
ZL	New Zealand	Oceania	32	
ZL5	(See CE9)			
ZM6	British Samoa	Oceania	32	
ZM7	Tokelau (Union) Islands	Oceania	31	
ZP	Paraguay	S. America	11	
ZS1, 2, 4, 5, 6	Union of South Africa Prince Edward & Marion Islands	Africa	38	
ZS2		Africa	39	
ZS3	Southwest Africa	Africa	38	
ZS7	Swaziland	Africa	38	
ZS8	Basutoland	Africa	38	
ZS9	Bechuanaland	Africa	38	
3A	Monaco	Europe	14	
3V8	Tunisia	Africa	33	
4S7	Ceylon	Asia	22	
4W1	Yemen	Asia	21	
4X4 ¹²	Israel	Asia	20	
5A	Libya	Africa	34	
5H3 (VQ3)	Tanganyika Territory	Africa	37	
5N2 (ZD2)	Nigeria	Africa	35	
5R4 (FB8)	Malagasy Rep. (Madagascar)	Africa	39	
5T ²⁷	Mauritania	Africa	35	
5U7 ²⁸	Niger Republic	Africa	35	
5V (FD)	Togo	Africa	35	
6O1, 2 ²⁸	Somali Republic	Africa	37	
6W8 ³⁰	Senegal Republic	Africa	35	
7G1 ³¹	Republic of Guinea	Africa	36	
9G1 ¹³	Ghana	Africa	35	
9K2	Kuwait	Asia	21	
9K3 ³	Kuwait/Saudi Arabia Neutral Zone	Asia	21	
9M2 (VS2)	Malaya	Asia	28	
9N1	Nepal	Asia	22	
9Q5(OQ5)	Republic of the Congo	Africa	36	
9U5 ³²	Ruanda-Urundi	Africa	36	
	Aldabra Islands ¹⁴	Africa	39	

CROSS INDEX TO OFFICIAL COUNTRIES LISTING

Aden, VS9
 Afghanistan, YA
 Aland Islands, OHØ
 Alaska, KL7
 Albania, ZA
 Aldabra Islands, 14
 Algeria, FA
 Amsterdam, FB8
 Andaman Islands, VU5
 Andorra, PX
 Angola, CR6
 Anguilla, VP2
 Antartica, CE9, KC4, LU-Z,
 VKØ, VP8, ZL5, etc.
 Antigua, VP2
 Arabia, Saudi, HZ
 Argentina, LU
 Armenia, UG6
 Ascension Island, ZD8
 Asiatic R.S.F.R., UA9, Ø
 Auckland Is., ZL
 Australia, VK
 Austria, OE
 Aves Island, YVØ
 Azerbaijan, UD6
 Azores Islands, CT2

 Bahama Islands, VP7
 Bahrain Island, MP4
 Bajo Nueva, HKØ
 Baker Island, KB6
 Balearic Islands, EA6
 Barbuda, VP2
 Barbados, VP6
 Basutoland, ZS8
 Bechuanaland, ZD9
 Belgium, ON4, 5
 Bermuda Islands, VP9
 Bhutan, AC5
 Bolivia, CP
 Bonin Is., KG61
 Borneo, British North, ZC5
 Brazil, PY
 Brunei, VS5
 Bulgaria, LZ
 Burma, XZ2

 Caicos Islands, VP5
 Campbell Is., ZL
 Camerouns, TJ
 Canada, VE, VO
 Canal Zone, KZ5
 Canary Islands, EA8
 Cargodos Carajos, VQ8
 Caroline Is., Eastern, KC6
 Caroline Is., Western, KC6
 Cayman Islands, VP5
 Central African Rep., TL8
 Ceylon, 4S7
 Chad Rep., TT8
 Chagos Islands, VQ8
 Channel Islands, GC
 Chatham Islands, ZL
 Chile, CE
 China, C
 Christmas Island, VK9
 Christmas & Fanning Is.,
 VR3
 Clipperton Island, FO8
 Cocos Island, T19
 Cocos Islands, VK9
 Colombia, HK
 Comoro Island, FB8
 Congo Rep., TN8
 Cook Islands, ZK1

Corsica, FC
 Costa Rica, TI
 Crete, SV
 Cuba, CM, CO
 Cyprus, ZC4
 Czechoslovakia, OK

 Dahomey Rep., TY
 Denmark, OZ
 Dodecanese, SV
 Dominica, VP2
 Dominican Republic, HI

 East Pakistan, AP
 Easter Is., CEØ
 Egypt, SU
 Ellice Islands, VR1
 England, G
 Ecuador, HC
 Eritrea, ET2
 Estonia, UR2
 Ethiopia, ET3
 European R.S.F.S.R., UA1,
 3, 4, 6
 Faeroes, OY
 Falkland Islands, VP8
 Fernando de Noronha, PYØ
 Fiji Islands, VR2
 Finland, OH
 Formosa, BV, C3
 France, F
 Franz Joseph Land, UA1
 French Oceania, FO8
 Friendly Islands, VR5
 Futuna Island, FW8

 Galapagos Islands, HC8
 Gabon Rep., TR8
 Gambia, ZD3
 Georgia, UF6
 Germany, DJ, DL, DM
 Ghana, 9G1
 Gibraltar, ZB2
 Gilbert Islands, VR1
 Gough Island, ZD9
 Greece, SV
 Greenland, OX, KG1
 Grenada & Dependencies,
 VP2
 Guadeloupe, FG7
 Guantanamo Bay, KG4
 Guatemala, TG
 Guiana, British, VP3
 Guiana, French, FY7
 Guiana, Netherlands, PZ1
 Guinea, Portuguese, CR5
 Guinea, Spanish, EAØ

 Haiti, HH
 Hawaiian Islands, KH6
 Heard Island, VKØ
 Hedjaz, HZ
 Honduras, HR
 Honduras, British, VP1
 Hong Kong, VS6
 Howland Island, KB6
 Hungary, HA

 Iceland, TF
 Ifni, EA9
 India, VU2
 Inini, FY7
 Iran, EP, EQ
 Iraq, YI
 Ireland, Northern, GI
 Ireland, Rep. of, EI

Isle of Man, GD
 Israel, 4X4
 Italy, IT, IT1
 Ivory Coast, TU2

 Jamaica, VP5
 Jan Mayen, LA
 Japan, JA, KA
 Jarvis, Is., KP6
 Johnston Island, KJ6
 Jordan, JY
 Juan Fernandez Arch, CEØ

 Kaliningrad, UA2
 Kamaran Is., VS9
 Kazakh, UL7
 Kenya, VQ4
 Kerguelen Islands, FB8
 Kermadec Island, ZL
 Kirghiz, UM8
 Korea, HL
 Kure Is., KH6
 Kuwait/Saudi Arabia
 Neutral Zone, 9K3
 Kuwait, 9K2

 Laccadive Islands, VU4
 Laos, XW8
 Latvia, UQ2
 Lebanon, OD5
 Liberia, EL
 Libya, 5A
 Liechtenstein, HE
 Lithuania, UP2
 Lord Howe Island, VK
 Luxembourg, LX

 Macao, CR9
 Macquarie Island, VKØ
 Madeira Islands, CT3
 Malagasy Rep., 5R4
 Malaya, 9M2
 Maldives Islands, VS9
 Mali Rep., TZ
 Malpelo Is., HKØ
 Malta, ZB1
 Manchuria, C9
 Manihiki Is., ZK1
 Marcus Is., KG6
 Mariana Islands, KG6
 Maricon Island, ZS2
 Marshall Islands, KX6
 Martinique, FM7
 Mauritania, 5T
 Mauritius, VQ8
 Mexico, XE, XF
 Midway Islands, KM6
 Miquelon Island, FP8
 Moldavia, UO5
 Monaco, 3A
 Mongolia, JT1
 Montserrat, VP2
 Morocco, French, CN8
 Morocco, Spanish, EA9
 Mozambique, CR7

 Nauru, VK9
 Navassa Island, KC4
 Nejd, HZ
 Nepal, 9N1
 Netherlands, PAØ, P11
 Netherlands West Indies,
 PJ
 Nevis, VP2
 New Caledonia, FK8
 New Guinea, Netherlands,
 JZØ
 New Guinea Terr., VK9

New Hebrides, FU8, YJ1
 New Zealand, ZL
 Nicaragua, YN
 Nicobar Islands, VU5
 Niger Rep., 5U7
 Nigeria, 5N2
 Niue, ZK2
 Norfolk Island, VK9
 Norway, LA
 Nyasaland, ZD6

 Ocean Islands, VR1
 Okinawa, KR6
 Oman, Sultanate of, VS9
 Oman, Trucial, MP4

 Palestine, ZC6
 Palmyra Group, KP6
 Panama, HP
 Papua Territory, VK9
 Paraguay, ZP
 Peru, OA
 Philippine Islands, DU
 Phoenix Island, American,
 KB6
 Phoenix Islands, British,
 VR1
 Pitcairn Island, VR6
 Poland, SP
 Portugal, CT1
 Portugese India, CR8
 Prince Edward Island, ZS2
 Principe Islands, CR5
 Puerto Rico, KP4

 Qatar, MP4

 Rep. of Guinea, 7G1
 Rep. of the Congo, 9Q5
 Reunion Island, FR7
 Revilla Gigedo, XE4
 Rhodes, SV
 Rhodesia, Northern, VQ2
 Rhodesia, Southern, ZE
 Rio de Oro, EA9
 Rodriguez Island, VQ8
 Roumania, YO
 Ruanda-Urundi, 9U5
 Russian S.F.S.R. (Asiatic),
 UA9, UAØ
 Russian S.F.S.R.
 (European), UA1, 2,
 3, 4, 6
 Ryukyu Is., KR6

 St. Helena, ZD7
 St. Kitts, VP2
 St. Lucia, VP2
 St. Martin, FS7
 St. Paul Islands, FB8
 St. Pierre Island, FP8
 St. Vincent &
 Dependencies, VP2
 Salvador, YS
 Samoa, American, KS6
 Samoa, British, ZM6
 San Andres & Providencia,
 HKØ
 San Marino, M1
 Sao Thome, CR5
 Sarawak, VS4
 Sardinia, IS1
 Saudi Arabia, HZ
 Scotland, GM
 Senegal Rep., 6W8
 Serrana Bank and
 Roncador Cay, KS4
 Seychelles, VQ7

Sierra Leone, ZD1
 Sikkim, AC3
 Singapore, VS1
 Sint Maarten, PJ2M-
 Socotra, VS9
 Solomon Islands, VR4
 Somali Rep., 6O
 Somaliland, French, FL8
 South Africa, Union of,
 ZS1, 2, 4, 5, 6
 South Georgia Is., VP8,
 LU-Z
 South Orkney Is., VP8,
 LU-Z
 South Sandwich Is., VP8,
 LU-Z
 South Shetland Is., VP8,
 LU-Z
 Southwest Africa, ZS3
 Spain, EA
 Spitzbergen, LA
 Sudan, ST
 Svalbard, LA
 Swan Island, KS4
 Swaziland, ZS7
 Sweden, SL, SM
 Switzerland, HB
 Syria, YK

 Tadzhiik, UJ8
 Tahiti, FO8
 Tanganyika Terr., 5H3
 Tasmania, VK7
 Tibet, AC4
 Timor, Portugese, CR1Ø
 Tobago, VP4
 Togo, 5V
 Tokelau Islands, ZM7
 Tonga Islands, VR5
 Trieste, J1
 Trindade, PYØ
 Trinidad, VP4
 Trisran da Cunha, ZD9
 Tromelin Island, FB8
 Trucial Oman, MP4
 Tunisia, 3V8
 Turkey, TA
 Turkoman, UH8
 Turks Islands, VP5

 Uganda, VQ5
 Ukraine, UB5
 Union Islands, ZM7
 Union of South Africa,
 ZS1, 2, 4, 5, 6
 United States, K, W
 Uruguay, CX
 Uzbek, UI8

 Vatican City, HV
 Venezuela, YV
 Virgin Islands, KV4
 Virgin Islands, British, VP2
 Volcano Islands, KG61
 Voltaic Rep., XT2

 Wake Island, KW6
 Wales, GW
 Wallis Islands, FW8
 West Pakistan, AP
 White Russian, S.F.S.R.,
 UC2
 Willis Islands, VK4

 Yemen, 4W1
 Yugoslavia, YU
 Zanzibar, VQ1

FOOTNOTES

- (1) This prefix is listed as "unofficial" in ARRL Countries List, but it is recognized for DXCC credit.
- (2) Confirmations from Saar, dated after November 8, 1947, and prior to April 1, 1957, count as separate country for DXCC credit; list under DELETED COUNTRIES. Subsequent confirmations count as credit for Germany.
- (3) New listing as separate country (since last G-E HAM NEWS DX LOG was published) for confirmations dated on or after November 15, 1945.
- (4) Communications between radio amateurs in these countries, and United States amateurs, were banned for certain periods; see BANNED COUNTRIES listing for details.
- (5) Confirmations from Trieste, dated prior to April 1, 1957, count as separate country for DXCC credit; list under DELETED COUNTRIES. Subsequent confirmations count as DXCC credit for Italy.
- (6) Confirmations from Newfoundland and Labrador, dated prior to April 1, 1949, count as separate country for DXCC credit; list under DELETED COUNTRIES. Subsequent confirmations count as credit for Canada.
- (7) Confirmations from any of these islands, dated prior to June 1, 1958, count as DXCC credit for Leeward Islands. However, if such credit already has been given, no further credit as a separate country can be given for that particular island.
- (8) Confirmations from any of these islands, dated prior to June 1, 1958, may be counted as DXCC credit for Windward Islands. However, if such credit already has been given, no further credit as a separate country can be given for that particular island.
- (9) For UD6, Azerbaijan; UF6, Georgia; and UG6, Armenia, shown in the Continent column as "Asia," should be counted as "Europe" for the I.A.R.U.'s "Worked All Continents (WAC)" award. However, for the "Worked All Europe (WAE)" and similar awards in which European countries are involved, these three countries are considered as "Asia."
- (10) Confirmation from Singapore, dated on or after April 1, 1946, count as separate country for DXCC credit.
- (11) Confirmations from Laos, dated on or after July 20, 1955, count as separate country for DXCC credit; previously counted as part of French Indo-China (F18), listed in DELETED COUNTRIES. French Indo-China was placed on banned list as of December 21, 1950, and subsequent dated confirmations do not count as credit for DXCC. French Indo-China also divided into Cambodia (3W8) and Viet Nam (3W8) as of July 20, 1955, as separate countries. No DXCC credit given at present; see listing in BANNED COUNTRIES.
- (12) Confirmations from Israel, dated on or after May 14, 1948, count as separate country for DXCC credit.
- (13) Confirmations from Ghana, dated on or after March 5, 1957, count as DXCC credit for Ghana. Confirmations dated prior to that date count as DXCC credit for Gold Coast (Togoland). See ZD4 in DELETED COUNTRIES listing.
- (14) Country has no regularly assigned prefix.
- (15) Confirmations from French India dated prior to November 1, 1954, count as separate country for DXCC credit; French India became part of India (VU2) on that date.
- (16) Tannu Tuva removed from ARRL Countries List on Aug. 1, 1955.
- (17) Contacts dated August 13, 1960 or later will count for Central African Republic.
- (18) Contacts dated Aug. 15, 1960 or later count for Congo Republic.
- (19) Contacts dated Aug. 17, 1960 or later count for Gabon Republic.
- (20) Contacts dated Aug. 11, 1960 or later count for Chad Republic.
- (21) Contacts dated Aug. 7, 1960 or later count for Ivory Coast.
- (22) Contacts dated Aug. 1, 1960 or later count for Dahomey Republic.
- (23) Contacts dated July 20, 1960 or later count for Mali Republic.
- (24) Contacts dated June 30, 1960 or earlier count as Karelo-Finnish Republic. Contacts dated July 1, 1960 or later count as European S.F.S.R.
- (25) Contacts dated Aug. 5, 1960 or later count for Voltaic Republic.
- (26) Contacts dated July 20, 1960 or later will count for Mauritania.
- (27) Contacts dated Aug. 3, 1960 or later count for Niger Republic.
- (28) Contacts dated July 1, 1960 or later count for Sonrali Republic.
- (29) Contacts dated June 30, 1960 or earlier count for this country.
- (30) Contacts dated June 20, 1960 or later count for Senegal Republic.
- (31) Contacts dated Oct. 1, 1958 or later count for Republic of Guinea.
- (32) Contacts dated July 1, 1960 or later will count for Ruanda-Urundi. Contacts prior to that date count for Belgian Congo.
- (33) Confirmations from Tangier dated June 30, 1960 or earlier count as separate country for DXCC credit. Subsequent confirmations count as Morocco.
- (34) Contacts dated Aug. 6, 1960 or earlier count for Fr. West Africa.
- (35) Contacts dated August 16, 1960 or earlier will count for French Equatorial Africa.
- (36) Wrangel Island removed from ARRL Countries List as of September 1, 1960.
- (37) Goa, Damao and Diu removed from ARRL Countries List as of January 1, 1962. Became part of India (VU2).

BANNED COUNTRIES LISTING¹

International Telecommunications Union agreements provide that "radiocommunications between amateur stations of different countries shall be forbidden if the administration of one of the countries concerned has notified that it objects to such radiocommunications."

Since several governments have thus notified the ITU, the Federal Communications Commission has issued a public notice on December 21, 1950 which forbids United States radio amateurs from communicating with amateurs in these countries. Any confirmations dated during these restricted periods will not be accepted for DXCC credit by the ARRL.

Check the "DXCC Notes" column in the "Operating News" section of QST magazine each month for the latest information on these BANNED COUNTRIES.

The following listing shows these countries with which communications by amateur radio have been banned for certain periods. These countries currently are not on the banned list and thus appear in the OFFICIAL COUNTRIES listing elsewhere in this issue. Confirmations for eligible periods should be recorded there.

Prefix	Country	Period That Country Was on Banned List
EQ	Iran	Dec. 21, 1950 to May 1960.
HL	Korea	June 1, 1953 to October 18, 1957.
JA	Japan (Nationals Only)	December 21, 1950 to October 15, 1952.
OD5	Lebanon	December 21, 1950 to October 15, 1952.
OE	Austria (Nationals Only)	December 21, 1950 to April 1, 1954.
PJ	Netherlands West Indies	December 21, 1950 to March 11, 1952.
XW8 ¹¹	Laos	Dec. 21, 1950 to July 20, 1955 and Nov. 6, 1960 to Aug. 25, 1961.

The following tabulation with red background indicates those countries on the banned list as of Apr. 1, 1962. Only confirmations

from these countries dated prior to December 21, 1950, will be accepted for DXCC credit, may be listed below.

Prefix	Official Country	Continent	WAZ Zone
HS	Thailand	Asia	26
PK1, 2, 3	Java	Oceania	28
PK4	Sumatra	Oceania	28
PK5	Netherlands Borneo	Oceania	28
PK6	Celebes and Molucca Is.	Oceania	28
3W8 ¹¹	Viet Nam	Asia	26

DELETED COUNTRIES LISTING

The countries listed below have appeared on ARRL Official Countries Lists for certain periods since November 15, 1945. Confirmations from these countries dated in accordance with instructions in FOOTNOTES will be recognized for DXCC credit.

Prefix	Official Country	Continent	WAZ Zone	
CR8 ³⁷	Damao & Diu	Asia	22	
CR8 ³⁷	Goa	Asia	22	
CN2, KT1, EK ³³	Tangier	Africa	33	
FF8 ³⁴	French West Africa	Africa	35	
F18 ¹¹	French Indio-China	Asia	26	
FN ¹⁵	French India	Asia	21, 22	
FQ8 ³⁵	French Equatorial Africa	Africa	36	
I1 ⁵	Trieste	Europe	15	
I5 ²⁰	Italian Somaliland	Africa	37	
UAØ ³⁶	Wrangel Island	Asia	19	
UN1 ²⁴	Karelo-Finnish Rep.	Europe	16	
VO ⁸	Labrador, Newfoundland	N. America	2	
VQ6 ²⁰	British Somaliland	Africa	37	
ZD4 ¹³	Gold Coast (Togoland)	Africa	35	
9S4 ²	Saar	Europe	14	
	Tannu Tuva ^{14, 18}	Asia	22	

ZONE CHECK LIST FOR "WAZ" AWARD

WAZ Zone	Listing of Prefixes in Zone	
1	KL7, VE8	
2	VE2, VO2	
3	K6,7, VE7, W6,7	
4	K4,5,9, Ø, VE3,4,5,6, W4,5,9,Ø	
5	FP8, K1,2,3,4, VE1,2, VP9, W12,3,4	
6	XE, XF	
7	FO8, HKØ, HP, HR, KS4, KS4B-, KZ5, PYØ, TG, TI, TI9, VP1, YN, YS	
8	CM, CO, FG7, FM7, FS7, HH, HI, KC4, KG4, KP4, KV4, PJ2M-, VP2,5,6,7	
9	FY7, HK, PJ, PZ1, VP3,4, YV, YVØ	
10	CP, HC, HC8, OA	
11	PY, ZP	
12	CE, CEØ	
13	CX, LU, LU-Z, VP8	
14	CT1,2, DJ, DL, DM, EA, EA6, EI, F, G, GC, GD, GI, GM, GW, HB, LA, LX, ON4, OY, OZ, PAØ, PII, PX, SL, SM, ZB2, 3A	

ZONE CHECK LIST FOR "WAZ" AWARD

WAZ Zone	Listing of Prefixes in Zone	
15....	FC, HA, HE, HV, I1, IS1, IT1, M1, OE, OH, OHØ, OK, SP, UP2, UQ2, UR2, YU, ZA, ZB1.....	
16....	UA1,2,3,4,6, UB5, UC2, UN1, UO5.....	
17....	UA9,Ø, UH8, UI8, UJ8, UL7, UM8.....	
18....	UA9,Ø.....	
19....	UA9,Ø.....	
20....	JY, LZ, OD5, SV, TA, YK, YO, ZC4,6, 4X4.....	
21....	AP, EP, EQ, HZ, MP4, UD6, UF6, UG6, VS9A, 9K, 9O, YA, YI, 4W1, 9K2,3.....	
22....	AC3, AC5, AP2, (CR8), VU2,4, 4S7, 9N1.....	
23....	AC4, BY, JT1.....	
24....	BV(C3), BY, C9, CR9, VS6.....	
25....	HL, HM, JA, KA, KR6.....	
26....	(FI8), HS, VU5, XW8, XZ2.....	
27....	DU, KC6, KG6, KG6I, 3W8.....	
28....	CR1Ø, JZØ, VK9, VKØ, VR4, VS1,4,5,9, ZC5, 9M2.....	
29....	VK4,6,9, ZC3.....	
30....	VK1,2,3,4,5,7,Ø.....	
31....	KB6, KH6, KJ6, KM6, KP6, KW6, KX6, VR1,3, ZM7.....	
32....	FK8, FO8, FU8, FW8, KS6, VK9, VR2,5,6, YJ1, ZK1,2, ZL, ZM6.....	
33....	CN2,8,9, CT3, EA8,9, (EK), FA, (KT1), 3V8.....	
34....	ST2, SU, 5A.....	
35....	CR4, CR5, (FF8), TD8, TR8, TT8, TU2, TY, TZ, ZD1,3, 5N2, 5U7, 5V, 6W8, 9G1.....	
36....	CR5, CR6, EAØ, (FQ8), TJ, TL8, TN8, VQ2, XT2, ZD7,8, 5T, 7G1, 9Q5, 9U5.....	
37....	CR7, ET2, ET3, (I5) VQ1,4,5,8, (VQ6), VS9A, ZD6, 5H3, 6O1,2.....	
38....	ZD9, ZE, ZS1,2,3,4,5,6,7,8,9.....	
39....	FB8, FR7, VKØ, VQ8,9, ZS2, 5R4, Aldabra Islands.....	
40....	KG1, LA, OX, TF, UAØ.....	



presents HOW-TO-DO-IT IDEAS **from the 999 radio amateurs at** **GENERAL ELECTRIC**

A bi-monthly publication of the RECEIVING TUBE DEPARTMENT
Owensboro, Kentucky, U. S. A. • Editor — E. A. Neal, W4ITC

G-E HAM NEWS is available free from authorized G-E Tube distributors. Some distributors mail copies locally to their customers.

A low-cost direct-mail subscription plan is available to persons residing in the United States and its possessions (including APO and FPO numbers). Subscription rates are:

One Year (6 issues).....	\$1.00
Two Years (12 issues).....	\$2.00
Three Years (18 issues).....	\$3.00
Five Years (30 issues).....	\$4.00

Enclose check or money order for U. S. currency for the proper amount above made payable to "General Electric Company."

Residents of Canada may subscribe to G-E HAM NEWS for \$1.00 per year from the Canadian General Electric Company, Ltd., Electronic Tube Marketing Section, 189 Dufferin Street, Toronto 3, Ontario, Canada. Enclose check or money order made payable to: "Canadian General Electric Company, Ltd."

Distribution of G-E HAM NEWS in more than 40 foreign countries is handled through the International

General Electric Company. A listing of outlets is available from the G-E HAM NEWS office. Or, write to: Customer Inquiry Section, International General Electric Company, 159 Madison Avenue, New York 16, New York, U. S. A.

NOTE: The disclosure of any information or arrangements herein conveys no license under any patents of General Electric Company or others. In the absence of an express written agreement to the contrary, the General Electric Company assumes no liability for patent infringement (or any other liability) arising from the use of such information by others.

UNITED STATES CHECK LIST FOR "WAZ" AWARD

State	Call Area	WAZ Zone	
Alabama	4	5	
Alaska	KL7	1	
Arizona	7	3	
Arkansas	5	4	
California	6	3	
Colorado	Ø	4	
Connecticut	1	5	
Delaware	3	5	
Florida	4	5	
Georgia	4	5	
Hawaii	KH6	31	
Idaho	7	4	
Illinois	9	4	
Indiana	9	4	
Iowa	Ø	4	
Kansas	Ø	4	
Kentucky	4	4	
Louisiana	5	4	
Maine	1	5	
Maryland (incl. D. C.)	3	5	
Massachusetts	1	5	
Michigan	8	4	
Minnesota	Ø	4	
Mississippi	5	4	
Missouri	Ø	4	
Montana	7	4	
Nebraska	Ø	4	
Nevada	7	3	
New Hampshire	1	5	
New Jersey	2	5	
New Mexico	5	4	
New York	2	5	
N. Carolina	4	5	
N. Dakota	Ø	4	
Ohio	8	4	
Oklahoma	5	4	
Oregon	7	3	

UNITED STATES CHECK LIST FOR "WAZ" AWARD

State	Call Area	WAZ Zone	
Pennsylvania.....	3.....	5.....	
Rhode Island.....	1.....	5.....	
S. Carolina.....	4.....	5.....	
S. Dakota.....	0.....	4.....	
Tennessee.....	4.....	4.....	
Texas.....	5.....	4.....	
Utah.....	7.....	3.....	
Vermont.....	1.....	5.....	
Virginia.....	4.....	5.....	
Washington.....	7.....	3.....	
West Virginia.....	8.....	4.....	
Wisconsin.....	9.....	4.....	
Wyoming.....	7.....	4.....	

CONTINENT CHECK LIST FOR "WAC" AWARD

Continent	Prefix	Official Country	WAZ Zone	
Africa.....				
Asia.....				
Europe.....				
N. America.....				
Oceania.....				
S. America.....				



Available **FREE** from your G-E Tube Distributor

MARCH-
APRIL,
1962
VOL. 17, NO. 2